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Amendment
Attorney Docket No. H01.2B-11378-US01

Amendments To The Claims:

1. (Cancelled): ~~A proportioning device, comprising:~~

~~—— a manually operable actuating device (3), wherein the actuating device (3) is an actuating button manually displaceable in an axial direction;~~

~~—— a sensor (12) associated with the actuating device (3) for detecting a force manually exerted on the actuating device (3), wherein the sensor (12) is integrated into the actuating device (3), and further wherein the sensor (12) is a pressure sensor with an actuation surface (13) that is located outside the proportioning device;~~

~~—— an electric driving motor (14);~~

~~—— an electric control (17) connected to the sensor (12) and electric driving motor (14) for controlling the driving motor (14) during the detection by the sensor of a force exerted on the actuating device (3);~~

~~—— an electric voltage supply (18) connected to the sensor (12), electric driving motor (14), and electronic control (17), and~~

~~—— a displacement device (5, 6) coupled to the actuating device (3) and electric driving motor (14) for proportioning a liquid, wherein the actuating device (3) and the electric driving motor (14) are connected to the displacement device (5, 6) via a coupling device (4).~~

2. (Cancelled): The proportioning device according to claim 1 wherein the actuating device (3) is an actuating button manually displaceable in an axial direction.

3. (Currently Amended): The proportioning device according to claim 1 22 wherein the actuating device (3) is an actuating button manually displaceable in an axial direction and is operable against the force of a spring (9).

4. (Currently Amended): The proportioning device according to claim 1 22 wherein the

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actuating device (3) is operable until a stop (7, 8) is reached.

5. (Cancelled): ~~The proportioning device according to claim 1 wherein the sensor (12) is integrated into the actuating device (3).~~

6. (Currently Amended): The proportioning device according to claim 5 22 wherein the sensor is integrated into an actuation surface (13) of the actuating device (3).

7. (Currently Amended): The proportioning device according to claim 4 22 wherein the sensor (12) is an FSR.

8. (Currently Amended): The proportioning device according to claim 4 22 wherein the control (17) constantly controls the driving motor (14) when a force is detected by the sensor (12).

9. (Currently Amended): The proportioning device according to claim 4 22 wherein the control (17) controls the driving motor (14) in response to the force detected by the sensor (12).

10. (Original): The proportioning device according to claim 9 wherein the control (17) controls the driving motor (14) in at least one stage.

11. (Original): The proportioning device according to claim 9 wherein the control (17) controls the driving motor (14) proportionally to the force detected by the sensor (12).

12. (Currently Amended): The proportioning device according to claim 4 22 wherein the actuating device (3) and the driving motor (14) are connected to the displacement device (5, 6) via a coupling device (4).

13. (Cancelled): ~~The proportioning device according to claim 1 wherein the actuating device (3) is connected to the displacement device (5, 6) via a rod (4).~~

14. (Currently Amended): The proportioning device according to claim 13 22 wherein the actuating device (3) is connected to the displacement device (5, 6) via a rod (4) and further

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wherein the electric driving motor (14) is coupled to the rod (4).

15. **(Currently Amended):** The proportioning device according to claim ~~13~~ 14 wherein the actuating ~~button~~ device (3) is operable until a stop (7) connected to the rod (4) bears on a fixed counter-stop (8).

16. **(Currently Amended):** The proportioning device according to claim ~~1~~ 22 wherein the displacement device (5, 6) is a piston which is guided in a cylinder.

17. **(Original):** The proportioning device according to claim 16 wherein the displacement device (5, 6) is a detachable syringe (10).

18. **(Original):** The proportioning device according to claim 16 wherein the displacement device (5, 6) is connected to a detachable pipette tip (10).

19. **(Currently Amended):** The proportioning device according to claim ~~1~~ 22 wherein the actuating device (3) is coupled to a device for detaching and/or dropping a pipette tip (10) and/or syringe.

20. **(Currently Amended):** The proportioning device according to claim ~~1~~ 22 which is a hand-operated proportioning device (1).

21. **(Currently Amended):** The proportioning device according to claim ~~1~~ 22 wherein the electric power supply (10) has at least one accumulator and/or at least one battery.

22. **(Previously Presented):** A proportioning device, comprising:

- a manually operable actuating device (3),
- a sensor (12) associated with the actuating device (3) for detecting a force manually exerted on the actuating device (3),
- an electric driving motor (14),
- an electric control (17) connected to the sensor (12) and electric driving motor

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(14) for controlling the driving motor (14) during the detection by the sensor of a force exerted on the actuating device (3), the electric control (17) switching the electric driving motor (14) off when the sensor (12) detects a heavy increase in the force being applied to the actuating device (3), indicating that the actuating device (3) has reached a stop;

- an electric voltage supply (18) connected to the sensor (12), electric driving motor (14), and electronic control (17), and
- a displacement device (5, 6) coupled to the actuating device (3) and electric driving motor (14) for proportioning a liquid.

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